L Number	Hits	Search Text	DB	Timo stame	
1	1235	aluminum with (anodic anode) with coat\$3	USPAT	Time stamp 2003/10/28 14:56	
2	9	(aluminum with (anodic anode) with coat\$3)	USPAT	2003/10/28 14:56	
3	55	and (118/723\$.ccls. 156/345\$.ccls.) spherical and (118/500.ccls.)	USPAT	2003/10/28 15:51	
4	352	(tumbling rotatable basket cage tumbler	USPAT	2003/10/28 15:51	
l _	8907	casing) and (118/500.ccls.) golf adj ball\$2	USPAT	2003/10/27 14:28	
-	1	(golf adj ball\$2) and (118/723\$.ccls.	USPAT	2003/10/27 14:28 2003/10/28 14:56	
_	132	156/345\$.ccls.) (golf adj ball\$2) and ((glow adj	USPAT	2003/10/27 17:34	
-	1	discharge) plasma) ((golf adj ball\$2) and (118/723\$.ccls. 156/345\$.ccls.)) and (revolv\$3 rotat\$3	USPAT	2003/10/27 13:53	
_	9977	drum revolution) golf adj ball\$2	JPO;	2003/10/27 13:54	
-	766252	h011021\$.ipc. c23c016\$.ipc.	DERWENT JPO; DERWENT	2003/10/27 13:54	
-	5	(golf adj ball\$2) and (h011021\$.ipc. c23c016\$.ipc.)	JPO; DERWENT	2003/10/27 13:56	
-	2	("4410586" "4504349").PN.	USPAT	2003/10/27 14:00	
-	46110	(spherical near4 (object\$2 ball\$2 surface\$2))	USPAT	2003/10/27 14:00	
-	70	((spherical near4 (object\$2 ball\$2 surface\$2))) and (118/723\$.ccls.)	USPAT	2003/10/27 14:46	
_	4880	(spherical near4 (substrate device))	USPAT	2003/10/27 14:15	
-	2490	((spherical near4 (substrate device))) not ((spherical near4 (object\$2 ball\$2	USPAT	2003/10/27 14:15	
-	8	<pre>surface\$2))) (((spherical near4 (substrate device))) not ((spherical near4 (object\$2 ball\$2 surface\$2)))) and (118/723\$.ccls.</pre>	USPAT	2003/10/27 14:19	
_	12587	156/345\$.ccls.)	#10DA#	2002/10/27 14:15	
-	6725	(spherical with (substrate device)) ((spherical with (substrate device))) not ((spherical near4 (object\$2 ball\$2 surface\$2)))	USPAT USPAT	2003/10/27 14:15 2003/10/27 14:15	
-	4235	(((spherical with (substrate device))) not ((spherical near4 (object\$2 ball\$2 surface\$2)))) not (((spherical near4 (substrate device))) not ((spherical near4	USPAT	2003/10/27 14:16	
-	16	<pre>(object\$2 ball\$2 surface\$2)))) ((((spherical with (substrate device))) not ((spherical near4 (object\$2 ball\$2 surface\$2)))) not (((spherical near4 (substrate device))) not ((spherical near4 (object\$2 ball\$2 surface\$2)))) and (118/723\$.ccls. 156/345\$.ccls.)</pre>	USPAT	2003/10/27 14:16	
_	8351 4694	tumbler\$2 tumbler\$2	USPAT JPO;	2003/10/27 14:20 2003/10/27 14:20	
_	27	(colf add balles) and tumblanes	DERWENT	2002/10/27 1/ 22	
	2344	(golf adj ball\$2) and tumbler\$2 (golf adj ball\$2).ti.	USPAT USPAT	2003/10/27 14:28 2003/10/27 14:32	
_	144	((golf adj ball\$2) with apparatus).ti.	USPAT	2003/10/27 14:32	
-	14	4613403.URPN.	USPAT	2003/10/27 14:45	
-	557	(118/723r).CCLS.	USPAT	2003/10/27 14:35	
-	3	tumbler\$2 and (118/723\$.ccls. 156/345\$.ccls.)	USPAT	2003/10/27 15:13	
-	1344	(118/730).CCLS.	USPAT; EPO; JPO	2003/10/27 14:53	
-	54	(156/345.55).CCLS.	USPAT; EPO; JPO	2003/10/27 14:53	
-	161	(118/716).CCLS.	USPAT; EPO; JPO	2003/10/28 10:22	
-	572	(tumbling rotatable) and (118/723\$.ccls. 156/345\$.ccls.)	USPAT	2003/10/27 15:35	
-	9	(tumbling) and (118/723\$.ccls. 156/345\$.ccls.)	USPAT	2003/10/27 15:27	
-	134	(casing) and (118/723\$.ccls. 156/345\$.ccls.)	USPAT	2003/10/27 15:16	
Search History 10/28/03 4:05:20 PM Page 1					

-	93	(cage) and (118/723\$.ccls. 156/345\$.ccls.)	USPAT	2003/10/27 15:23
l –	128	((casing) and (118/723\$.ccls.	USPAT	2003/10/27 15:23
i		156/345\$.ccls.)) not ((cage) and		2000, 211
		(118/723\$.ccls. 156/345\$.ccls.))		
l	36		USPAT	2003/10/27 17:43
-	30	(basket) and (118/723\$.ccls.	USPAI	2003/10/2/ 17:43
		156/345\$.ccls.)		
-	1	brum-william\$.in.	USPAT	2003/10/27 15:32
-	5	("3933967" "4389365" "5112556"	USPAT	2003/10/27 15:33
1		"5840351" "6439873").PN.		
-	7248	(tumbling rotatable basket cage tumbler	USPAT	2003/10/28 15:59
		casing) and (425/\$.ccls.)		
_	20	((tumbling rotatable basket cage tumbler	USPAT	2003/10/27 16:26
1		casing) and (425/\$.ccls.)) and golf	0022	2003/10/2: 10:20
l _	100		menor	2003/10/27 16:34
-	1	takahashi-minoru\$.in.	USPAT	2003/10/27 16:34
_	4	oyachi-tomio\$.in.	USPAT	2003/10/27 16:34
-	3	izuhara-koichi\$.in.	USPAT	2003/10/27 16:34
-	14	akiyama-setsuo\$.in.	USPAT	2003/10/27 16:33
-	55	yoshikawa-masato\$.in.	USPAT	2003/10/27 16:33
_	99	takahashi-minoru\$.in. not	USPAT	2003/10/27 16:33
		yoshikawa-masato\$.in.		
-	222	yoshikawa-masato\$.in.	JPO	2003/10/27 16:33
I _	59	akiyama-setsuo\$.in.	JPO	2003/10/27 16:33
1_	1223	takahashi-minoru\$.in.	JPO	2003/10/27 16:33
1 -				2003/10/27 16:34
1 -	27	oyachi-tomio\$.in.	JPO	
1-	1547	yoshikawa-masato\$.in. akiyama-setsuo\$.in.	JPO	2003/10/27 16:37
1		izuhara-koichi\$.in. oyachi-tomio\$.in.		!
1	1	takahashi-minoru\$.in.		
1 -	3	(yoshikawa-masato\$.in. akiyama-setsuo\$.in.	JPO	2003/10/27 16:39
1	1	izuhara-koichi\$.in. oyachi-tomio\$.in.		
		takahashi-minoru\$.in.) and (golf adj		
	1	ball\$2)		
	24		TDO	2002/10/27 16:27
-		izuhara-koichi\$.in.	JPO	2003/10/27 16:37
-	185	(yoshikawa-masato\$.in. akiyama-setsuo\$.in.	JPO	2003/10/27 16:40
1		izuhara-koichi\$.in. oyachi-tomio\$.in.		
	ļ .	takahashi-minoru\$.in.) and (cage basket		1
1		casing tumbling tumbler rotat\$4 revolv\$3		1
1		revolution spin\$4 drum)		
i -	17	(yoshikawa-masato\$.in. akiyama-setsuo\$.in.	JPO	2003/10/27 16:41
		izuhara-koichi\$.in. oyachi-tomio\$.in.		2000, 20, 21 20112
		takahashi-minoru\$.in.) and (cage basket		
i				1
		casing tumbling tumbler)	l	
-	168	((yoshikawa-masato\$.in.	JPO	2003/10/27 16:41
		akiyama-setsuo\$.in. izuhara-koichi\$.in.		
		oyachi-tomio\$.in. takahashi-minoru\$.in.)		1
1		and (cage basket casing tumbling tumbler		{
		rotat\$4 revolv\$3 revolution spin\$4 drum))		1
	1	not ((yoshikawa-masato\$.in.		1
	1	akiyama-setsuo\$.in. izuhara-koichi\$.in.		
	1	oyachi-tomio\$.in. takahashi-minoru\$.in.)		1
	1			
	31	and (cage basket casing tumbling tumbler))	HCDAM.	2003/10/27 13:30
1 -	31	((118/716).CCLS.) and hole\$2	USPAT;	2003/10/27 17:30
		((#5005540#) (#5005500#)	EPO; JPO	0000 (10 (07 17 55
-	3	(("5236548") or ("5286532") or	USPAT;	2003/10/27 17:32
		("6120394")).PN.	EPO; JPO	
-	2	(("5842916") or ("3187715")).PN.	USPAT;	2003/10/27 17:33
	1		EPO; JPO	1
_	22930	bridgestone.as.	USPAT;	2003/10/27 17:33
	-=-,00		EPO; JPO	1
1_	1311	bridgestone as and golf	USPAT;	2003/10/27 17:33
1 -	1211	bridgestone.as. and golf		2003/10/2/ 1/:33
			EPO; JPO	1 0000 410 407 17 0.
-	974	bridgestone.as. and (golf adj ball)	USPAT;	2003/10/27 17:34
			EPO; JPO	J
-	14	(bridgestone.as. and (golf adj ball)) and	USPAT	2003/10/27 17:35
		((glow adj discharge) plasma) ·		1
I - I	255	(bridgestone.as. and (golf adj ball)) and	USPAT	2003/10/27 17:36
		(cage basket casing tumbling tumbler		
		rotat\$4 revolv\$3 revolution spin\$4 drum)		
1_ 1	85		USPAT	2003/10/27 18:20
-	85	(barrel) and (118/723\$.ccls.	USPAL	2003/10/2/ 18:20
		156/345\$.ccls.)		
-	5	(("5316739") or ("5126164") or ("4911812")	USPAT;	2003/10/27 18:20
j		or ("4613403") or ("4600563")).PN.	EPO; JPO	1
I -	131	(118/716).CCLS.	USPAT	2003/10/28 10:22

-	27	((118/716).CCLS.) and (casing basket drum	USPAT	2003/10/28 10:44
i		tumbling tumbler cage)		
-	872	118/\$.ccls. and spherical	USPAT	2003/10/28 10:28
l _	214	(118/\$.ccls. and spherical) and (casing	USPAT	2003/10/28 10:29
	214	basket drum tumbling tumbler cage)	USFAI	2003/10/20 10.29
1		pasket drum tumbling tumbler cage)		
-	205	((118/\$.ccls. and spherical) and (casing	USPAT	2003/10/28 10:44
	!	basket drum tumbling tumbler cage)) not		
		(((118/716).CCLS.) and (casing basket drum		1
		tumbling tumbler cage))		1
-	370		USPAT	2003/10/28 10:47
l _	47	((427/536).CCLS.) and (casing basket drum	USPAT	2003/10/28 10:44
	37	tumbling tumbler cage)	OSTAL	2003/10/28 10.44
1				
-	323	((427/536).CCLS.) not (((427/536).CCLS.)	USPAT;	2003/10/28 11:20
		and (casing basket drum tumbling tumbler	EPO; JPO	
		cage))		
-	118	(156/345.44).CCLS.	USPAT;	2003/10/28 11:11
		,,,	EPO; JPO	2000,10,20 11111
1_	161	(156/345.47).CCLS.	USPAT;	2003/10/28 11:15
	101	(130/343.47).0003.		2003/10/28 11:15
1		14551015 101	EPO; JPO	
1 -	133	(156/345.43).CCLS.	USPAT;	2003/10/28 11:11
			EPO; JPO	
-	146	((156/345.47).CCLS.) not	USPAT;	2003/10/28 11:18
1		((156/345.43).CCLS.)	EPO; JPO	
1 -	109	((156/345.44).CCLS.) not	USPAT;	2003/10/28 11:18
	103	((156/345.44).CCLS.)		2003/10/20 11:10
	103		EPO; JPO	
-	103	(((156/345.44).CCLS.) not	USPAT;	2003/10/28 11:18
1		((156/345.43).CCLS.)) not	EPO; JPO	
1		((156/345.47).CCLS.)		
-	662	(118/723r).CCLS.	USPAT;	2003/10/28 12:32
			EPO; JPO	
l _	41	((118/723r).CCLS.) and spherical	USPAT;	2003/10/28 11:20
	71	((110), 201). Ocho., and spherical		2003/10/20 11:20
	_	/NOTACOFOR 1 NAC104000 1 NEAGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	EPO; JPO	
-	3	("3746858" "4613403" "5126164").PN.	USPAT	2003/10/28 12:32
-	557	(118/723r).CCLS.	USPAT	2003/10/28 12:38
-	959	(118/723E).CCLS.	USPAT	2003/10/28 12:38
-	794	((118/723E).CCLS.) NOT ((118/723r).CCLS.)	USPAT;	2003/10/28 12:38
			EPO; JPO	
_	794	((118/723E).CCLS.) NOT ((118/723r).CCLS.)	USPAT	2003/10/28 13:24
1_	3913	(basket cage casing tumbler tumbling) with		
- I	3913		USPAT	2003/10/28 13:25
		aluminum		
j -	1	((basket cage casing tumbler tumbling)	USPAT	2003/10/28 13:27
		with aluminum) and 118/716.ccls.		
-	7	((basket cage casing tumbler tumbling)	USPAT	2003/10/28 13:26
		with aluminum) and 118/723\$.ccls.		
l _	10	((basket cage casing tumbler tumbling)	USPAT	2003/10/28 13:26
	10	with aluminum) and 156/345\$.ccls.	USPAI	2003/10/28 13:26
				[
	32	aluminum and 118/716.ccls.	USPAT	2003/10/28 14:55